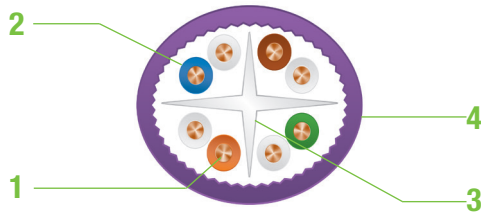




U500LxSHy

U/UTP CAT6A 4 pairs cable 500MHz LSZH sheath - Link certified



- 1. **Conductor** : solid bare copper AWG23
- 2. **Insulation** : PE
- 3. **Cross separatpr** : PE
- 4. **Outer sheath** : LSZH jacket RAL 4001

DESCRIPTIONS

The U500L is a data cable used in unshielded structured cabling system, for horizontal or vertical (Backbone) configuration. Its performances exceed the limits required by current standards thanks to its excellent high-speed and error free transmission up to 500 Mhz. His specific internal cross and irregular internal diameter decrease the proximity effect and avoid the Ax Cross Talk phenomena.

APPLICATIONS

Ethernet Base T up to 10Gbits/s	TOKEN RING 4/16 MBITS
ISDN	ATM 155, 622Mbits/s & 1.2Gbits
IEEE 802.3 af /at : PoE and PoE+	

STANDARDS

SYSTEME	ISO / IEC 11801 Ed2.2 Class Ea TIA 568-C.2
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ELECTRICAL PROPERTIES

Max linear electrical resistance	95 Ω/Km
Mutual capacity (nom)	45 pF/m
Characteristic impedance	100 +/- 15Ω
Nominal Velocity Propagation	66%

ENVIRONMENTAL PROPERTIES

CPR Level	Dca - s2,d2,a2
Fire behaviour	IEC 60332-1
Operating Temperature	-20°C / +70°C
Minimum bending radius	8 x cable diameter
Compliant to RoHS	

ORDERING INFORMATION

CABLE 4 PAIRS			
P/N	DESCRIPTION	EXTERNAL DIAMETER	PACKAGING
U500L4SH5	CAT6A CABLE U/UTP 4 PAIRS LSZH	7.16 +/-0.2 mm	DRUM 500M